

Comment to the FCC  
Date: 07-20-2011  
Proceeding Number: 11-109

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Gentlemen,

GPS represents an enormous investment in time and capital within our economy. It is an important and vital resource for a wide range of users. Its availability, reliability, and sound technical implementation allows for affordable consumer devices. Radio Systems has developed a GPS Containment System (or fence) for companion pets. It represents a significant breakthrough for the pet industry and for the safety and well being the families it serves. This life and safety critical system depends on the reliable and un-impaired reception of the L1C/A code.

LightSquared's planned operations and GPS are fundamentally incompatible. In our case, a high power terrestrial system operating in such close proximity to the GPS signal would render our system unusable and put at risk the safety of the pets it is intended to protect. The FCC should NOT permit LightSquared to use its mobile satellite services frequency for terrestrial broadcast. The FCC's own Technical Working Group, industry leaders such as John Deere, and the US Departments of Defense and Transportation all agree.

Respectfully Submitted,

A handwritten signature in cursive script, reading "Scott A. McFarland". The signature is written in dark ink and is positioned below the "Respectfully Submitted," text.